



## HT1220 Report

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### RECORD INFORMATION

Gene ID:	1220
Sequence ID:	1220
Protein ID:	1220
Sequence name:	thrombospondin 1, alt. transcript 1
Genome:	nucleus
Taxon:	Homo sapiens
Locus:	1220
Common Name:	thrombospondin 1
Role ID:	40

Coding sequence length:	3513 nt
Transcript sequence length:	5722 nt
Expression data:	<u>THC201573</u>

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### ACCESSION DATA

HT1220 is derived from accessions(s):

SP:P07996 (THROMBOSPONDIN 1 PRECURSOR.)  
GB:X04665 (Human mRNA for thrombospondin)  
GB:X14787 (Human mRNA for thrombospondin)  
GB:U12471 (thrombospondin-p50 {Homo sapiens})  
GB:M99425 (Human thrombospondin mRNA, 3' end.)  
PIR:G01478 (thrombospondin-p50 - human (fragment))  
GB:U12471 (Human thrombospondin-1 gene, partial cds.)  
GB:J04835 (Human thrombospondin gene, exons 1, 2 and 3.)  
GB:M25631 (Homo sapiens (clone lambda-TS-33) thrombospondin (THBS) mRNA, 5' end.)

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### ALTERNATIVE SPLICE INFORMATION

Alternative splice forms for this gene:

HT3987 thrombospondin 1, alt. transcript 2

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### MAPPING DATA

GDB accession(s) for this gene:

GDB ID:	Symbol
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Figure 1A

IEDANLIPPVPDDKFQDLVDAVRAEKGFLILLASLRQMKKTRGTLALERKDHSGQVFSVV  
SNGKAGTLDLSLTVQKQHVVSVVEALLATGQWKSITLQVQEDRAQLYIDCEKMENAELD  
VPIQSVFTRDLASIALRLRIAKGGVNDNFQGVQLQNVRFVFGTTPEDILRNKGCSSSTSVLL  
TLDNNVVGSSPAIRNTYIGHKTKDLQAI CGIS CDELS SMVLELRGLRTIVTTLQDS IRK  
VTEENKELANELRRPPLCYHNGVQYRNNEEWTVDSCTECHCQNSVTICKKVSCPIMPCCSN  
ATVPDGECCPRCWPSPDSADDGWS PWSEWTSCSTSCGNGIQQRGRSCDSLNNRCEGSSVQT  
RTCHIQECDKRFKQDGGWSHWS PWSSCSVT CGDGVITRIRLCNSPSPQMNGKPCGEARE  
TKACKDACPINGGWGPWSPWDICSVTCGGGVQKRSRLCNNPAPQFGGKDCVGDVTENQI  
CNKQDCPIDGCLSNPCFAGVKCTSYPDGSKWCGACPPGYSGNGIQCTDVDECKEVPDACF  
NHNGEHRCENTDPGYNCLPCPPRFTGSQPFQGVVEHATANKQVCKPRNPCTDGTDCNKN  
AKCNYLGHYSDPMYRCECKPGYAGNGIICGEDTDLGWPENENLVCVANATYHCKKDCNCPN  
LPNSGGQEDYDKDIGDACDDDDDDNDKIPDDRDNCPPHYNPAQYDYDRDDVGDRCDCNCPYN  
HNPDAQADTDNNGEGDACAADIDGDGILNERDNCQYVYNVDQRDTMDGVGDQCDNCPLEH  
NPDQLSDSDRIGDTCDNNQDIDEDGHQNNLDNCPYVPNANQADHDKDGKG DACDHDDN  
DGI PDDKDNCR LVPNPDQKSDSDGGRGDACKDDFDHDSVPDIDDICPENVDISETDFRRF  
QMIPLDPKGTSQNDPNWVVRHQKELVQTVNCDPGLAVGYDEFNAVDFSGTFFINTERDD  
DYAGFVFGYQSSSRFYVVMWKQVTQSYWDTNPTRAQGYSGLSVKVNVSTTGPGEHLRNAL  
WHTGNTPGQVRTLWHDPRHIGWKDFTAYRWRLSHRPKTGFI RVVMYEGKKIMADSGPIYD  
KTYAGGRLGLFVFSQEMVFFSDLKYECRDP



Figure 1D



## HT2143 Report

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### RECORD INFORMATION

Gene ID: 2081  
Sequence ID: 2143  
Protein ID: 2125  
Sequence name: thrombospondin 4  
Genome: nucleus  
Taxon: Homo sapiens  
Locus: 2081  
Common Name: thrombospondin 4  
Role ID: 40

Coding sequence length: 2886 nt  
Transcript sequence length: 3074 nt  
Expression data: THC168897

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### ACCESSION DATA

HT2143 is derived from accessions(s):

SP:P35443 (THROMBOSPONDIN 4 PRECURSOR.)  
GB:Z19585 (thrombospondin-4 {Homo sapiens})  
GB:Z19585 (H.sapiens mRNA for thrombospondin-4)  
PIR:A55710 (thrombospondin 4 precursor - human)

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### cDNA FEATURES

Feature	End 5	End 3
coding_seq	28	2913
3'UT	2914	3074

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### SEQUENCE

nucleotide:

gaattccggggagcaggaagagccaacatgctggcccccgcgcggagccgccgtcctcctg  
ctgcacctgggtcctgcagcgggtggctagcggcaggcgcccaggccacccccaggtcttt  
gaccttctcccatcttccagtcagaggctaaacccaggcgctctgctgccagtcctgaca  
gaccccgccctgaatgatctctatgtgatttccaccttcaagctgcagactaaaagttca  
gccaccatcttcgggtctttactcttcaactgacaacagtaaatattttgaatttactgtg  
atgggacgcttaagcaaagccatcctccggttacctgaagaacgatgggaagggtgcatttg

Figure 2A

ACDSCP DVSNPNQSDVDNDLVGDS CDTNQSDGDGHQDSTDNCPTVINSAQLD TDKDGIG  
DECDDDDNDGI PDLVPPGPDNCRLVPNPAQEDSNSDGVGDI CESDFDQDQVIDRIDVCP  
ENAEVTLTDFRAYQTVGLDPEGDAQIDPNWVVLNQGMEIVQTMNSDPGLAVGYTAFNGVD  
FEGTFHVNTQTDDDYAGFIFGYQDSSSFYVVMWKQTEQTYWQATPFRAVAEPGIQLKAVK  
SKTGPGEHLRNSLWHTGDTSDQVRLWLKDSRNVGWKDKVSYRWFLQHRPQVG YIRVRFYE  
GSELVADSGVTIDTTMRGGRLGVFCFSQENIIWSNLKYRCNDTIPEDFQEFQTQNFDRFD  
N



Figure 2C